

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L19	38	"mild combustion"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/31 17:18
L20	15	freieck	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/31 18:07
L21	99	US-5509403-\$.DID. OR US-5810246-\$.DID. OR US-5591025-\$.DID. OR US-5612266-\$.DID. OR US-4389981-\$.DID. OR US-4599067-\$.DID. OR US-4801437-\$.DID. OR US-4850857-\$.DID. OR US-5443861-\$.DID. OR US-5562440-\$.DID. OR US-5570659-\$.DID. OR US-5983643-\$.DID. OR US-6015286-\$.DID. OR US-6077068-\$.DID. OR US-4256721-\$.DID. OR US-4269590-\$.DID. OR US-4287857-\$.DID. OR US-4326382-\$.DID. OR US-4435148-\$.DID. OR US-4466363-\$.DID. OR US-4499945-\$.DID. OR US-4533318-\$.DID. OR US-4547148-\$.DID. OR US-4583942-\$.DID. OR US-4599955-\$.DID. OR US-4605369-\$.DID. OR US-4606720-\$.DID. OR US-4763583-\$.DID. OR US-4854855-\$.DID. OR US-4886447-\$.DID. OR US-4894006-\$.DID. OR US-4911143-\$.DID. OR US-4952145-\$.DID. OR US-4976253-\$.DID. OR US-4989348-\$.DID. OR	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/31 18:14

		US-5014679-\$.DID. OR US-5209217-\$.DID. OR US-5213091-\$.DID. OR US-5216968-\$.DID. OR US-5224855-\$.DID. OR US-5245952-\$.DID. OR US-5263852-\$.DID. OR US-5411394-\$.DID. OR US-5435130-\$.DID. OR US-5458483-\$.DID. OR US-5495813-\$.DID. OR US-5553603-\$.DID. OR US-5553391-\$.DID. OR US-5664942-\$.DID. OR US-5693293-\$.DID.				
S1	14	"6068468"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 22:12
S2	9321928	"without"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 18:41
S3	64117	"without" same flame	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 18:41
S4	7890	("without" same flame) and preheat\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 18:42
S5	2461	("without" same flame) and preheat\$	USPAT	OR	ON	2009/12/08 18:43
S6	175	("without" same flame) and preheat\$	EPO; JPO; DERWENT	OR	ON	2009/12/08 18:43
S7	152	("without" same flame) and preheat\$ not (catalytic catalyst)	EPO; JPO; DERWENT	OR	ON	2009/12/08 18:44
S8	152	("without" same flame) and preheat\$ not (catalytic catalyst)	EPO; JPO; DERWENT	OR	ON	2009/12/08 18:45
S9	26	("without" adj4 flame) and preheat\$ not (catalytic catalyst)	EPO; JPO; DERWENT	OR	ON	2009/12/08 18:53

S10	1935	("without" adj4 flame) not (catalytic catalyst)	EPO; JPO; DERWENT	OR	ON	2009/12/08 18:59
S11	1935	("without" adj4 flame) not (catalytic catalyst)	EPO; JPO; DERWENT	OR	ON	2009/12/08 18:59
S12	194	("without" adj4 flame) not (catalytic catalyst) and (burner).ti.	EPO; JPO; DERWENT	OR	ON	2009/12/08 19:01
S13	244	("without" adj4 flame) not (catalytic catalyst) and (burner).ti.	USPAT	OR	ON	2009/12/08 19:23
S14	14	("3386475"   "4373903").PN. OR ("4586894").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 19:31
S15	12	("3285240"   "4060379"   "4255122"   "4298333"   "4306858").PN. OR ("4373903").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 19:32
S16	18	("3163202"   "3285240"   "4126178"   "4306858"   "4321964"   "4364726"   "4373903"   "4392818"   "4586894").PN. OR ("4877396").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 19:34
S17	15	("3163202"   "3212558"   "4306858").PN. OR ("4392818").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 19:36
S18	50	("2850875"   "3048014"   "3853273"   "3886728"   "3905192"   "4021188"   "4073134"   "4222232"   "4356698"   "4408461").PN. OR ("4589260").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 19:52
S19	15	("4690635"   "4986748"   "5092760"   "5269679").PN. OR ("5458483").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 20:02
S20	96	wunning.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 20:25
S21	3	("20020083829"   "5595833"   "6641625").PN. OR ("7608120").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 20:38

S22	3	("5655435"   "6000389"   "6141143").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 20:40
S23	14	US-6068468-\$.DID. OR US-4475885-\$.DID. OR US-5344307-\$.DID. OR US-20030082553-\$.DID. OR US-6126438-\$.DID. OR US-5980243-\$.DID. OR US-5554022-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 20:43
S24	2	daneri.in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 21:09
S25	0	price.in. and "flare stack"	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/09 12:43
S26	14	price.xp. and "flare stack"	USPAT	OR	ON	2009/12/09 12:44
S27	4	("1896286").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/09 13:19
S28	190	retallick.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:30
S29	8	retallick.in. and 431/7. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:30
S30	16	("4576800"   "4673553"   "4687491"   "4711009"   "4765047"   "4930454"   "5202303"   "5248251"   "5250489"   "5258349"   "5328359"   "5346389"   "5406704"   "5437099"   "5512250"   "6197365").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/09 13:32

S31	99	US-5509403-\$.DID. OR US-5810246-\$.DID. OR US-5591025-\$.DID. OR US-5612266-\$.DID. OR US-4389981-\$.DID. OR US-4599067-\$.DID. OR US-4801437-\$.DID. OR US-4850857-\$.DID. OR US-5443861-\$.DID. OR US-5562440-\$.DID. OR US-5570659-\$.DID. OR US-5983643-\$.DID. OR US-6015286-\$.DID. OR US-6077068-\$.DID. OR US-4256721-\$.DID. OR US-4269590-\$.DID. OR US-4287857-\$.DID. OR US-4326382-\$.DID. OR US-4435148-\$.DID. OR US-4466363-\$.DID. OR US-4499945-\$.DID. OR US-4533318-\$.DID. OR US-4547148-\$.DID. OR US-4583942-\$.DID. OR US-4599955-\$.DID. OR US-4605369-\$.DID. OR US-4606720-\$.DID. OR US-4763583-\$.DID. OR US-4854855-\$.DID. OR US-4886447-\$.DID. OR US-4894006-\$.DID. OR US-4911143-\$.DID. OR US-4952145-\$.DID. OR US-4976253-\$.DID. OR US-4989348-\$.DID. OR US-5014679-\$.DID. OR US-5209217-\$.DID. OR US-5213091-\$.DID. OR US-5216968-\$.DID. OR US-5224855-\$.DID. OR US-5245952-\$.DID. OR US-5263852-\$.DID. OR US-5411394-\$.DID. OR US-5435130-\$.DID. OR US-5458483-\$.DID. OR US-5495813-\$.DID. OR US-5553603-\$.DID. OR US-5553391-\$.DID. OR US-5664942-\$.DID. OR US-5693293-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/24 17:03
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S32	99	US-5509403-\$.DID. OR US-5810246-\$.DID. OR US-5591025-\$.DID. OR US-5612266-\$.DID. OR US-4389981-\$.DID. OR US-4599067-\$.DID. OR US-4801437-\$.DID. OR US-4850857-\$.DID. OR US-5443861-\$.DID. OR US-5562440-\$.DID. OR US-5570659-\$.DID. OR US-5983643-\$.DID. OR US-6015286-\$.DID. OR US-6077068-\$.DID. OR US-4256721-\$.DID. OR US-4269590-\$.DID. OR US-4287857-\$.DID. OR US-4326382-\$.DID. OR US-4435148-\$.DID. OR US-4466363-\$.DID. OR US-4499945-\$.DID. OR US-4533318-\$.DID. OR US-4547148-\$.DID. OR US-4583942-\$.DID. OR US-4599955-\$.DID. OR US-4605369-\$.DID. OR US-4606720-\$.DID. OR US-4763583-\$.DID. OR US-4854855-\$.DID. OR US-4886447-\$.DID. OR US-4894006-\$.DID. OR US-4911143-\$.DID. OR US-4952145-\$.DID. OR US-4976253-\$.DID. OR US-4989348-\$.DID. OR US-5014679-\$.DID. OR US-5209217-\$.DID. OR US-5213091-\$.DID. OR US-5216968-\$.DID. OR US-5224855-\$.DID. OR US-5245952-\$.DID. OR US-5263852-\$.DID. OR US-5411394-\$.DID. OR US-5435130-\$.DID. OR US-5458483-\$.DID. OR US-5495813-\$.DID. OR US-5553603-\$.DID. OR US-5553391-\$.DID. OR US-5664942-\$.DID. OR US-5693293-\$.DID.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/24 17:03
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S33	1345	autoignition and cooling	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/30 16:14
S34	44	autoignition and cooling and "431"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/30 16:15
S35	1	autoignition and "compressed oxygen" and "431"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/30 16:55
S36	35	"compressed oxygen" and "431"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/30 16:57
S37	2	"compressed oxygen" and "431"/11.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/30 16:57
S38	0	"liquified oxygen" and "431"/11.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/30 16:59
S39	1	"liquified oxygen" and "431"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/30 16:59
S40	27	"liquified oxygen" and combustion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/30 16:59

S41	0	(( "liquified oxygen" same exapand) same cool\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/30 17:05
S42	3	(( "liquified oxygen" same expand) same cool)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/30 17:05
S43	2	"liquified oxygen" and preheat and fuel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/30 17:07
S44	180	"auto-ignition" and "431"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/30 17:09
S45	0	("6824383").URPN.	USPAT	OR	ON	2009/12/30 18:25
S46	0	("6824383").URPN.	USPAT	OR	ON	2009/12/30 18:25
S47	17	feese.in.	USPAT	OR	ON	2009/12/30 18:52
S48	70	feese.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/30 18:52
S49	1645	"homogeneous combustion"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/30 18:57
S50	370	"homogeneous combustion"	EPO; JPO	OR	ON	2009/12/30 18:57
S51	16	"homogeneous combustion" not engine	EPO; JPO	OR	ON	2009/12/30 18:58



S52	228	"diluted combustion"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/30 19:04
S53	18	"diluted combustion"	EPO; JPO	OR	ON	2009/12/30 19:05
S54	16	"diluted combustion" not engine	EPO; JPO	OR	ON	2009/12/30 19:05
S55	115	"diluted combustion" not engine not catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/30 19:07
S56	101	"diffuse flame"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/30 19:18

12/ 31/ 09 6:22:38 PM

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